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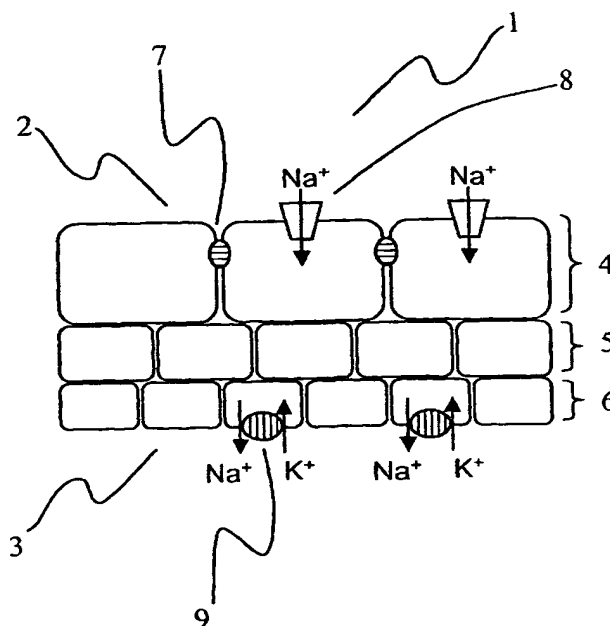
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- (71) Applicant (*for all designated States except US*): THE UNIVERSITY OF YORK [GB/GB]; Heslington, York YO10 5DD (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): SOUTHGATE, Jennifer [GB/GB]; Jack Birch Unit Of Molecular Carcinogenesis, Department Of Biology, University Of York, York YO10 5YW (GB). CROSS, William, Richard [GB/GB]; Jack Birch Unit Of Molecular Carcinogenesis, Department Of Biology, University Of York, York YO10 5YW (GB).
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(54) Title: BIOMIMETIC UROTHELIUM



(57) Abstract: Urothelium is the specialised endothelium that lines much of the mammalian urinary tract. This invention relates to the field of *in vitro* urothelial culture. Previous methods produce tissue lacking much of the functionality of native urothelium. In this invention, stratified, differentiated mammalian urothelium (1) is produced by passaging urothelial cells through a nutrient medium containing serum, and redispersed, before going on in a like medium to form said urothelium.